

Title (en)  
NOVEL PROCESS, SALTS, COMPOSITIONS AND USE

Title (de)  
NEUES VERFAHREN, SALZE, ZUSAMMENSETZUNGEN UND VERWENDUNG

Title (fr)  
PROCEDE, SELS, COMPOSITIONS ET UTILISATION

Publication  
**EP 1663220 A4 20070418 (EN)**

Application  
**EP 04782599 A 20040830**

Priority  
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Abstract (en)  
[origin: WO2005023257A1] The present invention provides a novel process for preparing pleuromutilin derivatives, novel salts of mutilin 14-(exo-8-methyl-8-azabicyclo[3.2.1]oct-3-ylsulfanyl)-acetate or solvates thereof, novel pharmaceutical compositions or formulations for topical administration comprising mutilin 14-(exo-8-methyl-8-azabicyclo[3.2.1]oct-3-ylsulfanyl)-acetate or a pharmaceutically acceptable salt or solvate thereof and their use in medical therapy, particularly antibacterial therapy.

IPC 8 full level  
**C07D 451/04** (2006.01); **A61K 31/439** (2006.01); **A61P 31/04** (2006.01); **C07D 453/02** (2006.01)

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Citation (search report)  
• [X] EP 0013768 A1 19800806 - SANDOZ AG [CH]  
• [X] WO 0109095 A1 20010208 - BIOCHEMIE GMBH [AT], et al  
• [X] FR 2157828 A1 19730608 - SANDOZ SA, et al  
• [PX] WO 2004011431 A1 20040205 - SANDOZ AG [AT], et al  
• See references of WO 2005023257A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
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**WO 2005023257 A1 20050317**; AT E450535 T1 20091215; DE 602004024417 D1 20100114; EP 1663220 A1 20060607; EP 1663220 A4 20070418; EP 1663220 B1 20091202; EP 2181995 A2 20100505; EP 2181995 A3 20100616; ES 2335284 T3 20100324; JP 2007504231 A 20070301; JP 2012020998 A 20120202; JP 2012236850 A 20121206; JP 2015013882 A 20150122; JP 5460947 B2 20140402; JP 5685156 B2 20150318; JP 5719331 B2 20150520; US 2006276503 A1 20061207; US 2011144151 A1 20110616; US 7875630 B2 20110125; US 8207191 B2 20120626

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